

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088509.D
 Acq On : 10 Dec 2025 18:15
 Operator : JC\MD
 Sample : Q3826-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15

Quant Time: Dec 11 02:13:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

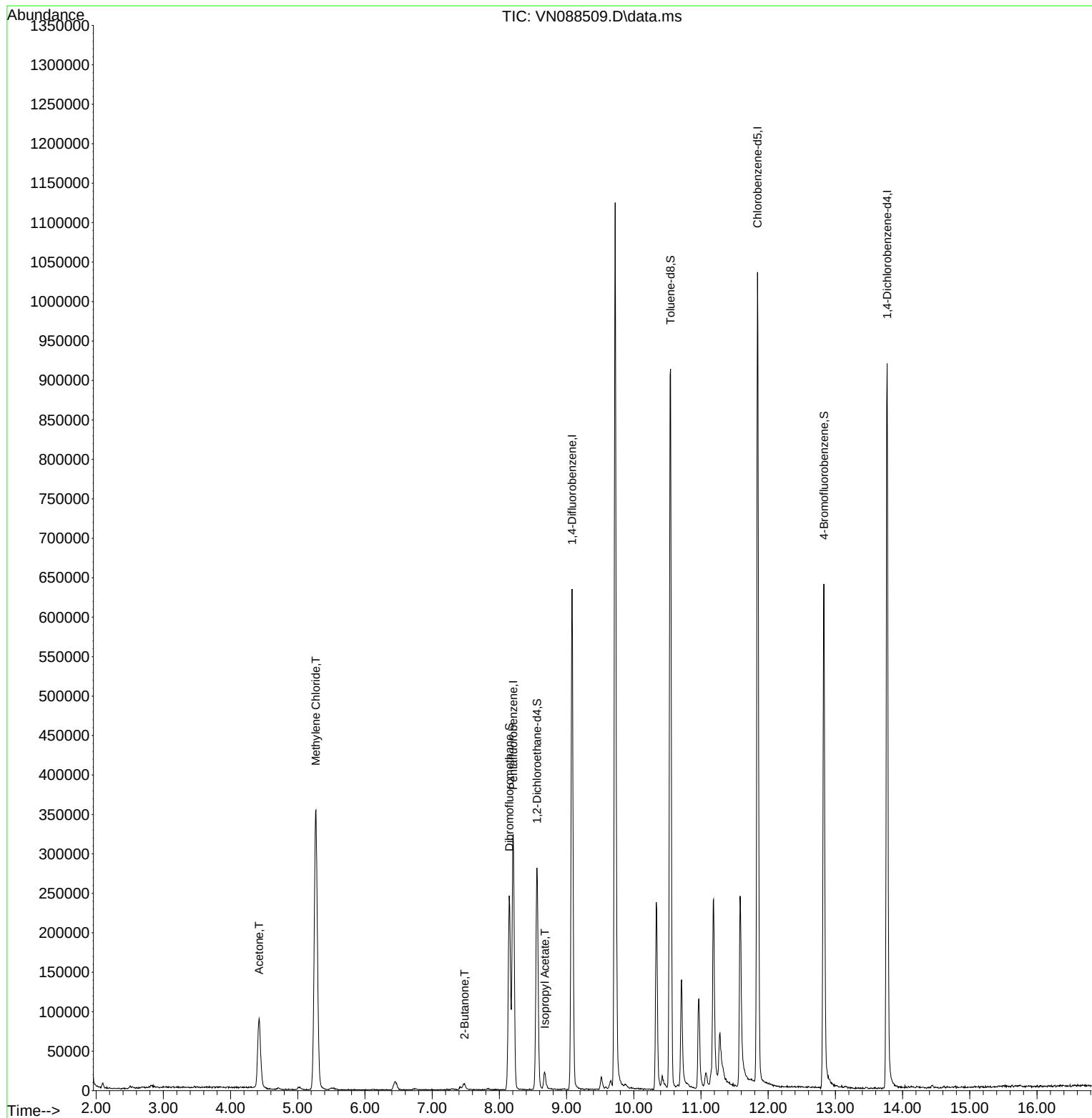
Internal Standards						
1) Pentafluorobenzene	8.206	168	207942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	498082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	530081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	242579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	243474	62.155	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 124.300%		
35) Dibromofluoromethane	8.147	113	173121	50.155	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.320%		
50) Toluene-d8	10.547	98	615362	47.914	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.820%		
62) 4-Bromofluorobenzene	12.829	95	228438	51.839	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.680%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	179559	126.747	ug/l	98
20) Methylene Chloride	5.271	84	267378	88.215	ug/l	97
25) 2-Butanone	7.483	43	14763	6.482	ug/l #	80
43) Isopropyl Acetate	8.677	43	25688	2.400	ug/l #	93

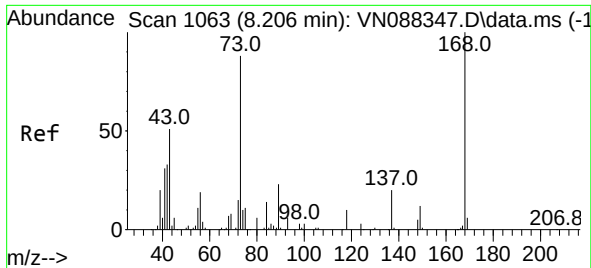
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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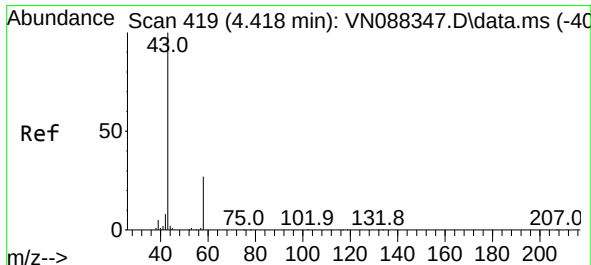
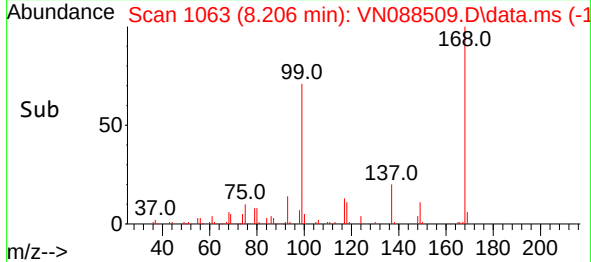
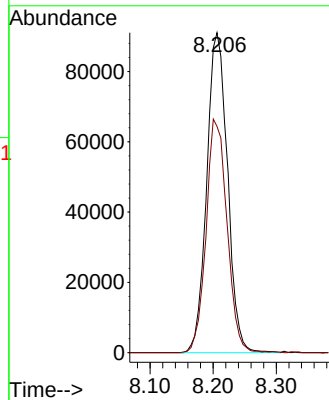
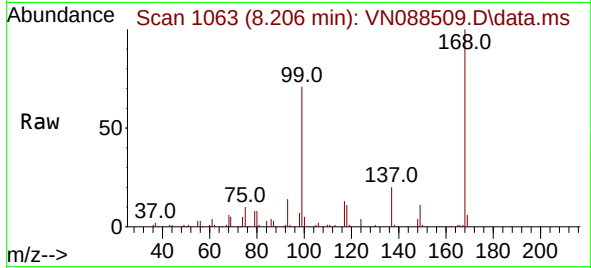




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

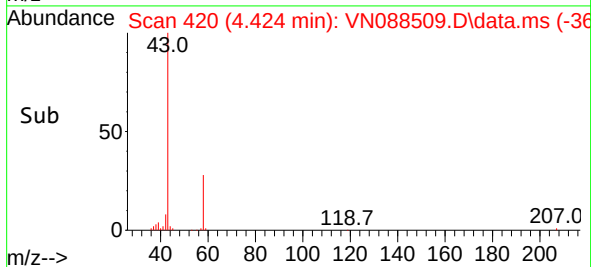
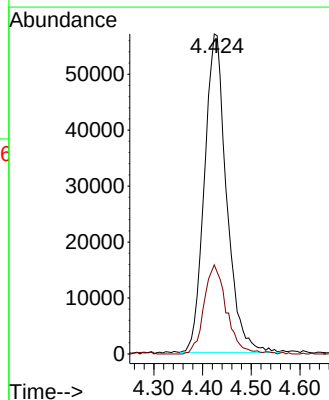
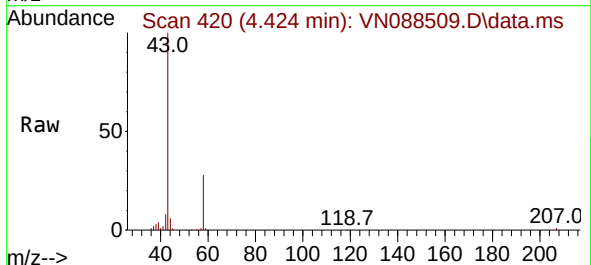
Instrument :
MSVOA_N
ClientSampleId :
TP-15

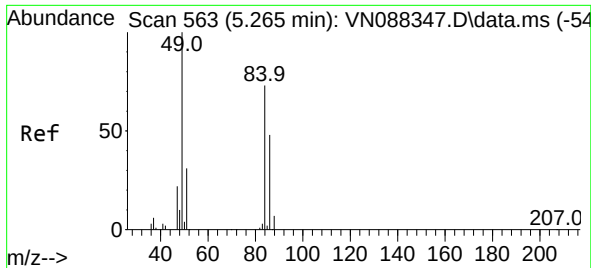
Tgt Ion:168 Resp: 207942
Ion Ratio Lower Upper
168 100
99 70.7 57.1 85.7



#16
Acetone
Concen: 126.747 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

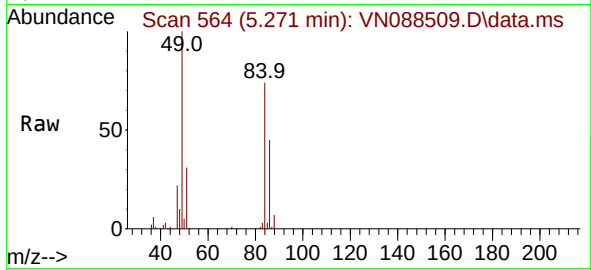
Tgt Ion: 43 Resp: 179559
Ion Ratio Lower Upper
43 100
58 28.0 21.7 32.5



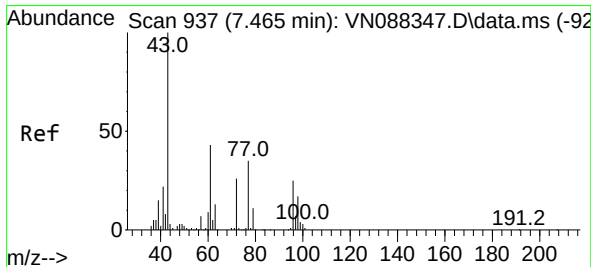
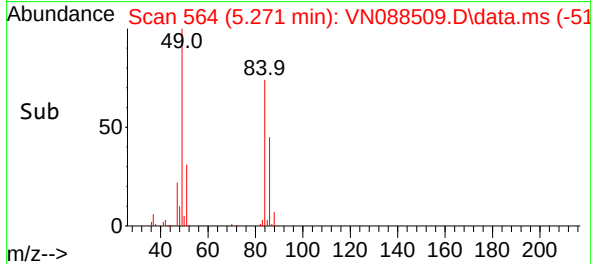
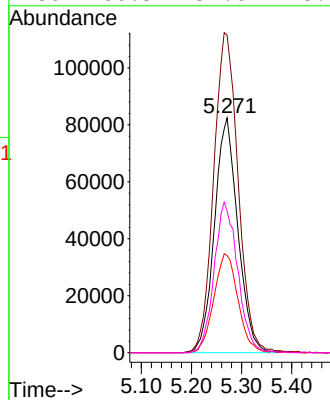


#20
Methylene Chloride
Concen: 88.215 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

Instrument :
MSVOA_N
ClientSampleId :
TP-15

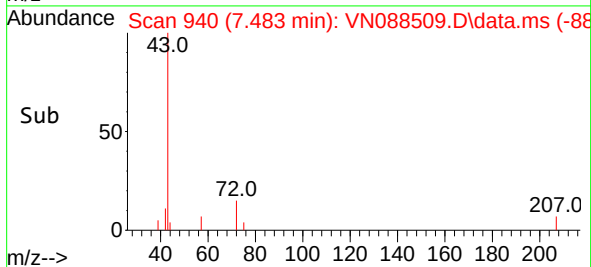
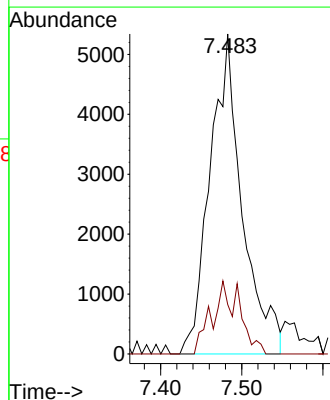
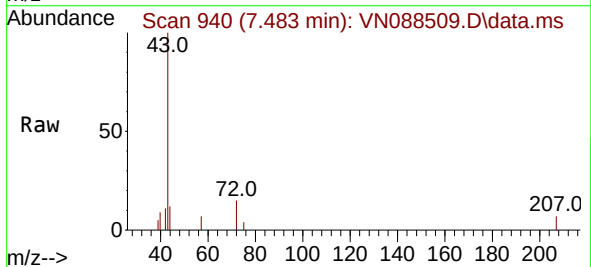


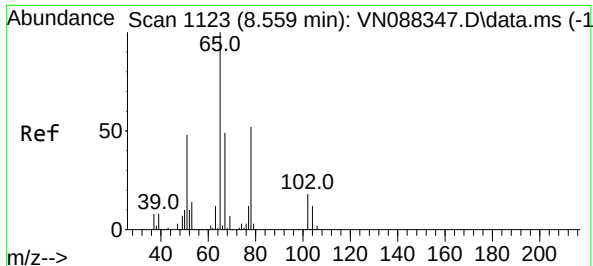
Tgt Ion: 84 Resp: 267378
Ion Ratio Lower Upper
84 100
49 135.3 110.2 165.2
51 41.4 34.1 51.1
86 60.5 52.6 78.8



#25
2-Butanone
Concen: 6.482 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

Tgt Ion: 43 Resp: 14763
Ion Ratio Lower Upper
43 100
72 15.5 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 62.155 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088509.D

Acq: 10 Dec 2025 18:15

Instrument :

MSVOA_N

ClientSampleId :

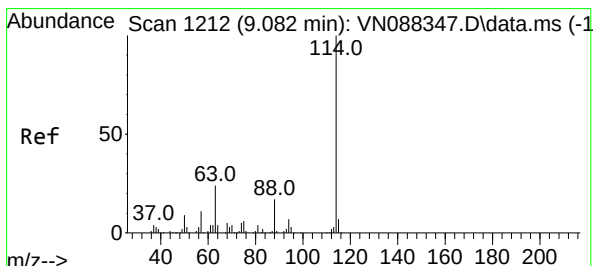
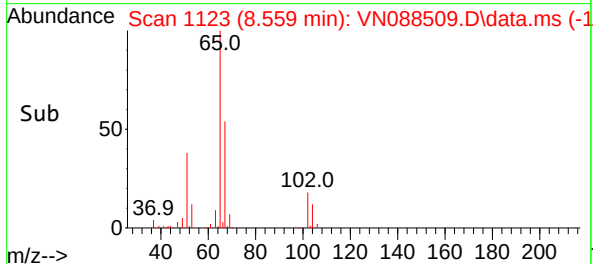
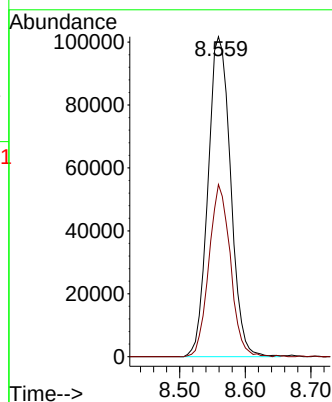
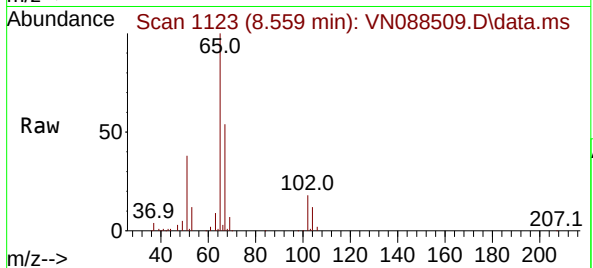
TP-15

Tgt Ion: 65 Resp: 243474

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088509.D

Acq: 10 Dec 2025 18:15

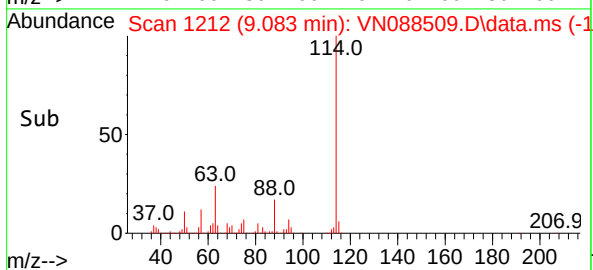
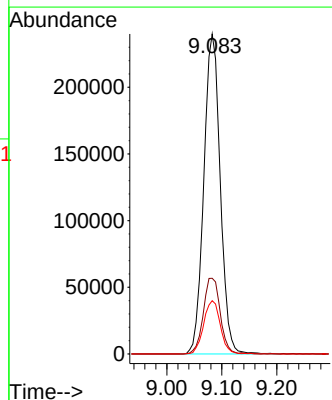
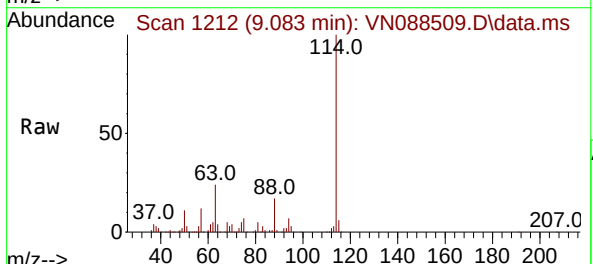
Tgt Ion: 114 Resp: 498082

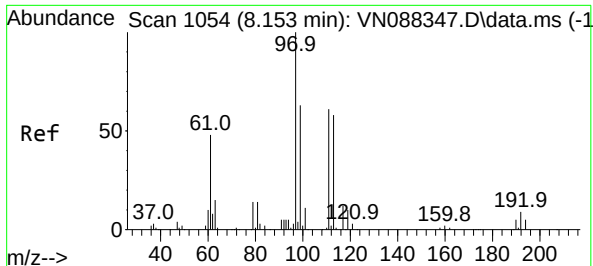
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.0

88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.155 ug/l

RT: 8.147 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN088509.D

Acq: 10 Dec 2025 18:15

Instrument :

MSVOA_N

ClientSampleId :

TP-15

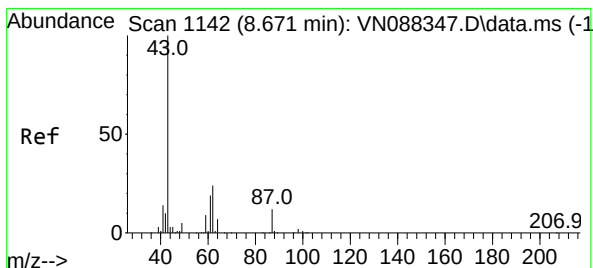
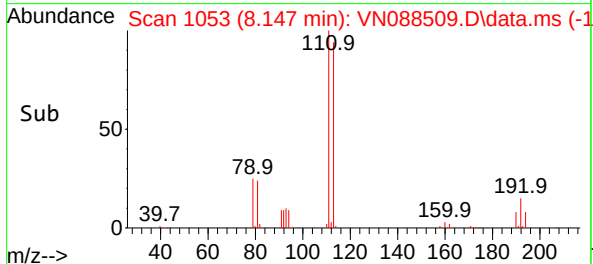
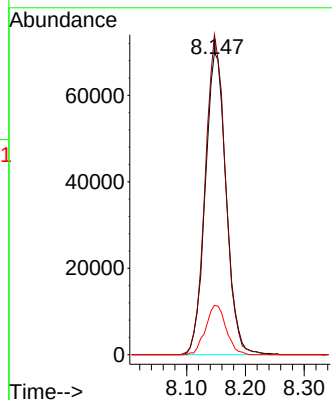
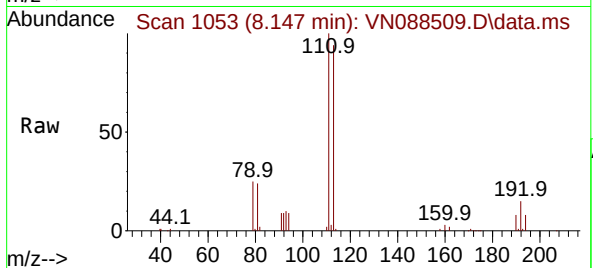
Tgt Ion:113 Resp: 173121

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 16.0 12.8 19.2



#43

Isopropyl Acetate

Concen: 2.400 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088509.D

Acq: 10 Dec 2025 18:15

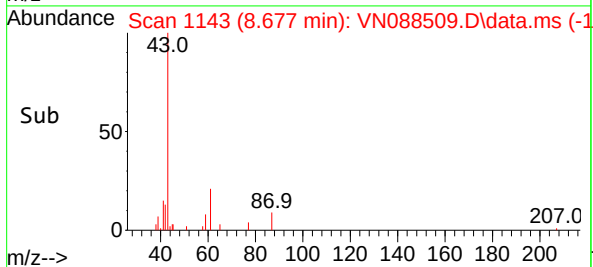
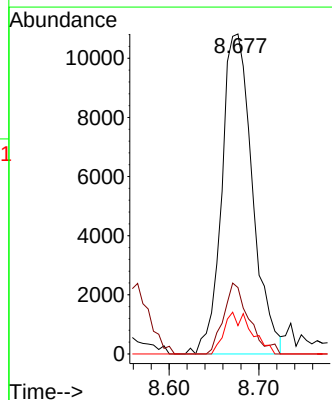
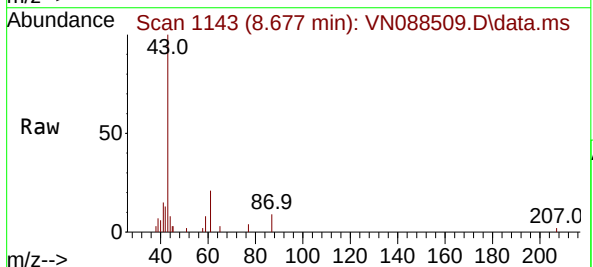
Tgt Ion: 43 Resp: 25688

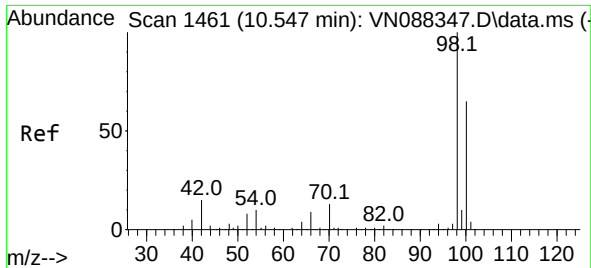
Ion Ratio Lower Upper

43 100

61 18.4 18.7 28.1#

87 11.6 9.1 13.7

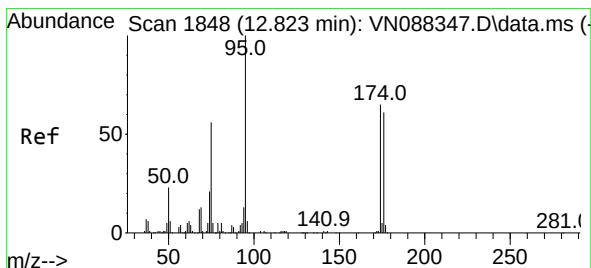
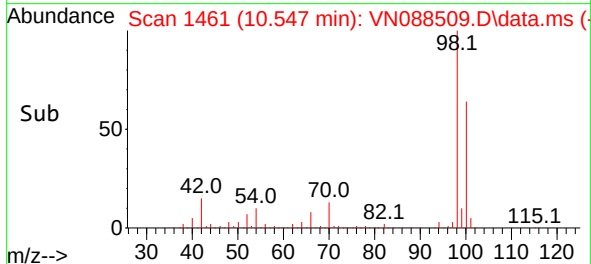
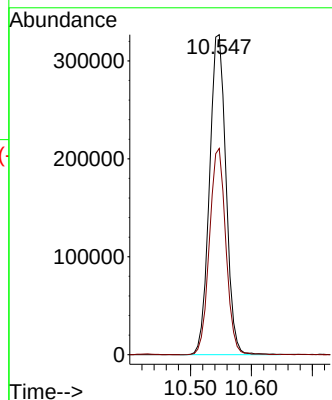
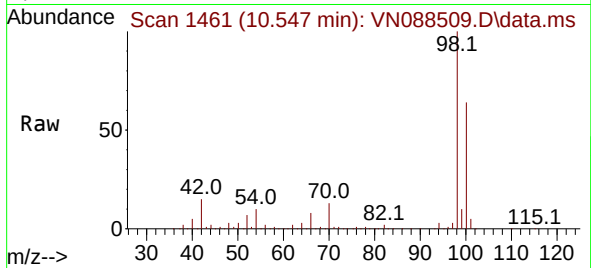




#50
Toluene-d8
Concen: 47.914 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

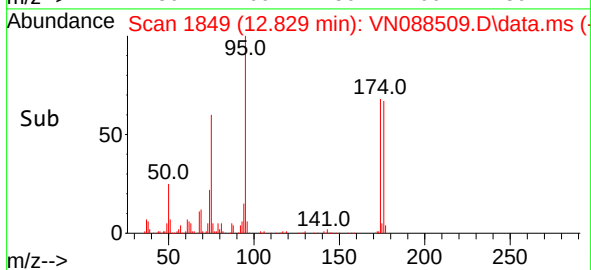
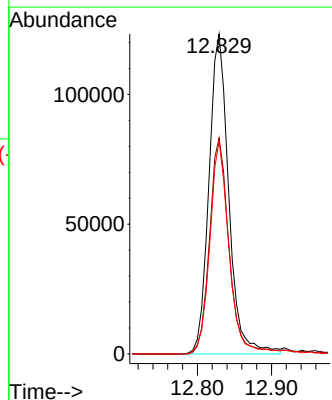
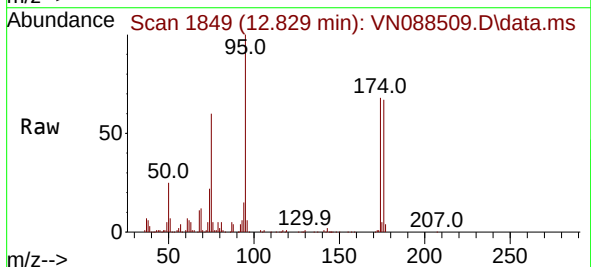
Instrument :
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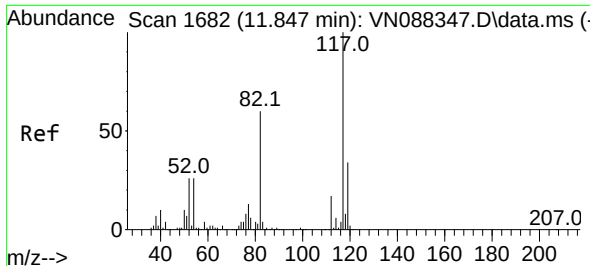
Tgt Ion: 98 Resp: 615362
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.839 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

Tgt Ion: 95 Resp: 228438
Ion Ratio Lower Upper
95 100
174 68.4 0.0 139.0
176 65.2 0.0 132.4

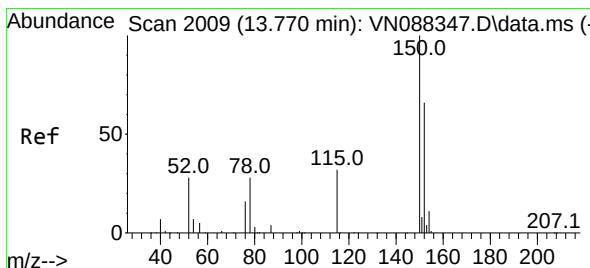
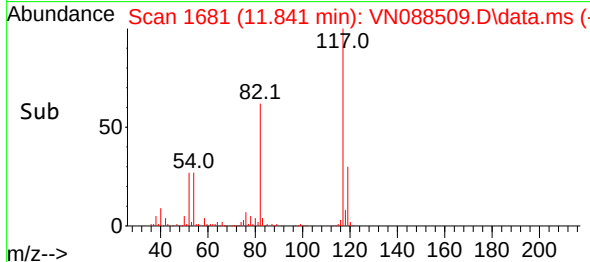
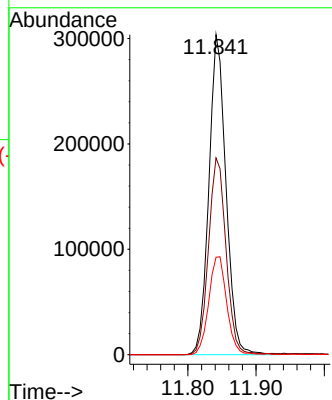
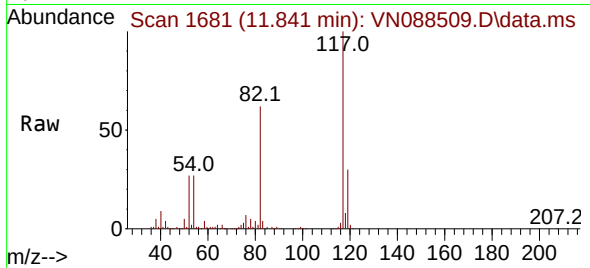




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

Instrument :
MSVOA_N
ClientSampleId :
TP-15

Tgt Ion:117 Resp: 530081
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 30.5 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088509.D
Acq: 10 Dec 2025 18:15

Tgt Ion:152 Resp: 242579
Ion Ratio Lower Upper
152 100
115 65.1 33.0 98.9
150 156.1 0.0 349.0

